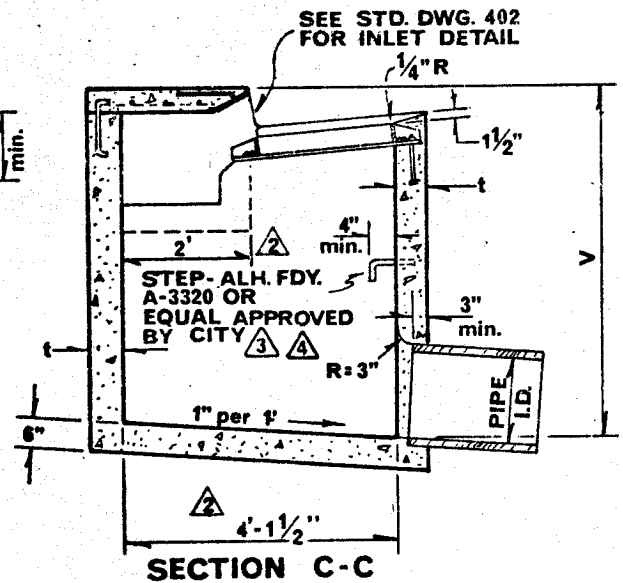
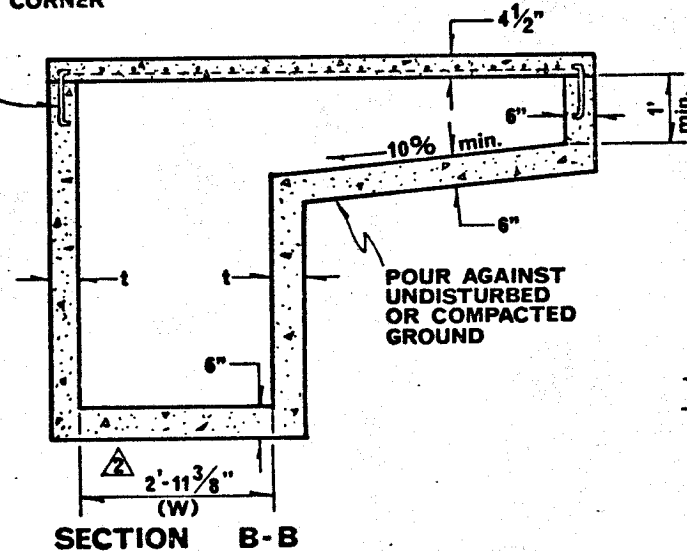


DOWEL - TO BE USED WHEN TOP IS POURED SEPARATE, ONE AT EACH CORNER



APPROVED	<i>[Signature]</i>	DATE	7/14/78
PUBLIC WORKS DIRECTOR - R.C.E. 18793			
1	Station Line Added	<i>[Signature]</i>	8-25-80
2	Dimensions Added/Or Corrected	<i>[Signature]</i>	
3	Defined approval	<i>[Signature]</i>	4-7-82
4	Changed Riverside Fdy. to Alhambra	<i>[Signature]</i>	
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE  
PUBLIC WORKS DEPT. - ENGINEERING DIV.

## CATCH BASIN

STANDARD DRAWING NO.

**409**  
Sheet 1 of 2

NOTES:

1. CONCRETE shall be Class 560- C-3250 <sup>①</sup>
2. CURVATURE of the lip and sidewalls at the opening shall be formed by curved forms and shall not be made by plastering.
3. DIMENSIONS:  
L shall be as specified on the plan.  
V shall be as specified on the plan.  
<sup>②</sup>  
t = 6" if V is 4' or less.  
t = 8" if V is between 4' and 8'.  
t = 10 if V is 8' or more.
4. CHANNEL shall be constructed in catch basins having inlet pipes. Where V minus shelf height is less than 2½' the channel may be omitted. See Standard Drawing No. 405 for channel detail.
5. STEP SPACING  
If V is 3.5' or less, no steps are required.  
If V is more than 3.5' and not more than 4', install one step 12" above the floor.  
If V is more than 4', install steps 12" apart with the top step 20" to 24" below the top surface of the basin.  
When the basin has a channel use V minus shelf height to determine step spacing.
6. PIPES shall be trimmed to the final shape and length before concrete is poured.
7. SURFACE of all exposed concrete in basin shall conform in slope, grade, color, finish and scoring to existing or proposed curb and walk adjacent to the basin and shall be free from protruding wires and nails. Floor of channel shall be given a steel-troweled finish.
8. TOP OF BASIN shall slope 2% toward curb except when otherwise shown on the plan or to fit existing sidewalk. To be poured monolithic with S/W if curb S/W is used.
9. FRAME shall be Alhambra <sup>③</sup> Foundry A-1540 or equal approved by city; grate shall be A-1546 or equal approved by city. <sup>③</sup>
10. METAL PARTS shall be structural grade steel and all exposed metal parts shall be galvanized.

APPROVED <i>[Signature]</i> DATE <i>7/14/78</i> PUBLIC WORKS DIRECTOR - R.C.E. 18793		<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPT. - ENGINEERING DIV.	
①	Concrete Class Revision	8-25-80	<b>CATCH BASIN</b>
②	Note Deleted		
③	Defined approval	BRR 4-7-82	
④	Changed Riverside Fdy to Alhambra Fdy	7-7-82	
MARK	REVISIONS	APPR.	DATE
STANDARD DRAWING NO.			<b>409</b> Sheet 2 of 2